

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111
Serial Number: 09/386,556
Filing Date: August 31, 1999
Title: PERIPHERAL UNIVERSAL BUS HUB

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CLEAN VERSION OF PENDING CLAIMS

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1. (Amended) A peripheral communications protocol hub, comprising:
 - an input device;
 - a wireless interface coupled to the input device and operable to communicate with a host computer;
 - a hub integrated with the input device; and
 - a plurality of communications protocol connectors on the input device.
 2. The peripheral hub of claim 1, wherein the input device is a keyboard.
 4. The peripheral hub of claim 1, wherein the communications protocol is universal serial bus (USB).
 5. The peripheral hub of claim 1, wherein the input device is a remote cursor control.
 7. The peripheral hub of claim 1, wherein the communications protocol connectors comprise a wireless connection to at least one wireless peripheral device.
 8. (Amended) The peripheral hub of claim 1, wherein the communications protocol connectors comprise a plurality of connectors chosen from a group consisting of:
 - USB, parallel, serial port, IEEE-48, RS-232, Centronics parallel, and gameport I/F.
 9. ~~A wireless peripheral hub, comprising:~~
 - ~~an input device capable of wireless communication with a host computer;~~
 - ~~a hub integrated with the input device; and~~
 - ~~a plurality of connector slots on the input device.~~
 10. The wireless peripheral hub of claim 9, wherein the peripheral hub is a USB hub.
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a3 11. (Amended) The wireless peripheral hub of claim 9, wherein the peripheral hub is selected from a group of peripheral hub types consisting of:
USB, parallel port, serial port, IEEE-48, RS-232, Centronics parallel, and gameport I/F.

12. A computer system, comprising:

a computer;

a peripheral communications protocol hub, comprising:

an input device capable of wireless communication with the computer;

a hub integrated with the input device; and

a plurality of connector slots on the input device.

13. The computer system of claim 12, wherein the input device is a keyboard.

14. The computer system of claim 12, wherein the input device is a remote cursor control.

15. The computer system of claim 12, wherein the communications protocol hub is a USB hub.

16. The computer system of claim 12, wherein the peripheral communications hub further comprises means for wirelessly connecting to at least one wireless peripheral device.

17. A keyboard, comprising:

an alphanumeric keypad connectable to a host device by a wireless connection;

a communications protocol hub;

a plurality of communications protocol connectors; and

a power supply.

18. A remote control, comprising:

an alphanumeric keypad connectable to a host device by a wireless connection;

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a communications protocol hub;
a plurality of communications protocol connectors; and
a power supply.

19. A method of operating a computer system and its peripherals, comprising:
connecting peripherals of the system to a single input device, the input device having an
integrated communications protocol hub; and
linking the peripherals of the computer system wirelessly to a main computer unit through
the input device communications protocol hub.
20. The method of claim 19, wherein the communications protocol is USB.
21. The method of claim 19, wherein linking the peripherals comprises:
placing USB packets in a communication sent to the main computer.
22. The method of claim 19, wherein linking further comprises:
sending a single signal to the main computer.
26. A machine readable medium comprising machine readable instructions for causing a
computer to perform a method comprising:
linking the peripherals of a computer input device to a main computer unit through a
communications protocol hub on the input device, the communications protocol
hub wirelessly connected to the main computer unit.
27. The machine readable medium of claim 26, wherein the communications protocol hub is
a USB hub.
28. The machine readable medium of claim 26, wherein the machine readable instructions for
linking further comprise:

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placing USB packets in a communication sent to the main computer; and
sending a single signal to the main computer.